

## IMPLANT WITH INTERNAL MULTI-LOBED INTERLOCK

ABSTRACT

A dental implant for supporting a dental prosthesis comprises a body portion and a top surface. The implant further comprises an internal cavity with an opening located at the top surface. The internal cavity comprises an interlock chamber having a depth measured from the top surface equal to a first distance. The interlock chamber comprising a cylindrical portion and plurality of semi-circular channels arranged around a periphery of the cylindrical portion. A threaded chamber that includes threads is located below the post-receiving chamber. The cylindrical portion has a first radius and the channels have a second radius, a ratio of the first radius to the second radius being between approximately 4:1 and 2:1.

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